MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

OCTOBER 1952

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

OCTOBER 1952
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	61.6	61.6	62.1	61.8	30.2	26.3	27.2	29.2	26.7	27.7
2	62.9	62.3	62.3	62.5	29.6	24.4	27.7	28 9	26.1	27.6
3	62.8	61.9	61.8	62.2	29.6	23.3	26.5	29.2	24.3	26.7
4	61.7	60.8	61.1	61.2	29.8	22.3	26.0	29.8	24.4	26.7
5	60.9	60.5	60.5	60.6	29.9	23.4	26.0	29.2	24.4	26.5
6	60.2	59.3	59.1	59.5	29.9	21.0	26.1	29.7	25.0	26.9
7	59.2	58.5	58.8	58.8	27.5	21.7	24.2	27.2	24.2	25.2
8	58.6	58.2	59.0	58.6	28.6	21.5	25.0	28.2	23.7	25.6
9	59.5	59.0	59.7	59.4	28.7	21.9	24.8	28.3	23.9	25.7
10	60.5	60.3	60.8	60.5	27.8	21.9	24.6	27.2	24.1	25.3
11	62.2	61.1	62.2	61.8	27.7	22.5	24.8	26.9	24.7	25.5
12	62.7	61.7	62.6	62.3	28.3	22.1	25.0	27.8	23.6	25.5
13	61.6	60.1	60 5	60.7	28.4	22.0	24.7	27.8	23.7	25.4
14	61.1	60.5	61.8	61.1	27.6	21.4	25.3	27.1	23.3	25.2
15	62.5	61.6	61.6	61.9	27.2	23.1	24.1	27.1	25.2	25.5
16	61.5	61.0	62.0	61.5	28.9	23.2	25.3	27.8	24.6	25.9
17	61.9	61.3	61.3	61.5	26.8	28.8	25.6	26.4	24.7	25.6
18	60.9	59.6	60.2	60.2	27.6	24.4	24.9	26.9	25.0	25.6
19	60.7	60.0	61.6	60.8	27.0	23.4	25 8	26.9	24.1	25.6
20	64.0	63.9	64.6	64.2	27.3	21.3	25.3	26.9	24.2	25.5
21	65.0	63.9	63.6	64.2	26.4	21.7	23.6	26.0	23.9	24.5
22	63.3	61.2	61.3	61.9	26.0	20.5	23.5	25.8	22.7	24.0
23	61.3	60.5	60.8	60.9	25.9	20.8	23.0	25.6	22.9	23.8
24	61.8	61.3	62.1	61.7	26.6	21.9	23.1	26.6	23.9	24.5
25	64.0	63.4	64.5	64.0	26.8	20.5	24.4	26.0	23.6	24.4
26	64.7	63.9	64.2	64.3	26.1	20.0	21.9	25.6	22.7	23.4
27	64.0	61.9	60.6	62.2	26.5	22.5	22.4	26.0	23.9	24.1
28	61.6	62.0	61.8	61.8	25.3	19.5	25.0	24.5	22.4	24.0
29	59.9	58.0	57.8	58.6	24.8	20.4	20.9	24.6	22.2	22.6
30	57.8	55.8	56.9	56.8	26.3	20.8	22.8	25.9	24.4	24.4
31	59.4	59.6	60.6	59.9	23.6	17.8	21.4	18.5	18.5	19.5
	61.61	60 80	61.22	61.21	27.51	21.94	24.54	26.89	23.90	25.11

Barometer, range for month 765.0 mm. — 755.8 mm
„ 71-yr. average for month 761.31 mm.
Thermometer, range for month 30.2°C — 20.0°C
„ 71-yr. average for month 24.51°C
Rain total for month 22.85 mm.
„ 71-yrs average for month 50.02 mm.
„ Total, Sept. 1st. to end of month 23.87 mm.
„ 71-yrs. average. Sept. 1st. to end of month 56.21 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	27.0	28.9	28.2	28.0	74	70	81	75	8.4	193.0	
2	28.0	27.8	27.2	27.7	76	70	81	76	8.7	71.0	
3	25.3	23.8	22.4	23.8	74	57	73	68	9.1	61.0	
4	24.4	24.8	23.0	24.1	72	58	75	68	9.3	72.0	
5	18.5	20.8	21.7	20.3	54	53	71	59	9.1	79.0	
6	24.4	23.8	23.3	23.8	71	58	74	68	8.4	106.0	
7	24.4	23.5	20.9	22.9	79	65	71	71	7.2	154.0	11.43
8	18.8	19.3	18.4	18.8	59	49	61	56	8.9	267.0	
9	18.2	19.3	19.7	19.1	57	49	67	58	8.9	172.0	
10	20.5	20.2	20.9	20.5	67	56	72	65	9.3	114.0	
11	21.9	23.3	22.4	22.5	70	66	72	69	9.2	257.0	
12	21.9	20.4	20.1	20.8	69	55	71	65	8.8	48.0	
13	21.1	21.7	21.5	21.4	70	58	71	66	9.5	190.0	
14	19.6	20.8	20.7	20.4	61	57	73	64	8.4	116.0	0.25
15	19.7	23.5	23.9	22.4	68	66	76	70	9.4	364.0	
16	25.5	26.5	24.4	25.5	77	71	79	76	9.2	179.0	
17	24.1	23.0	23.7	23.6	73	68	78	73	6.7	214.0	
18	23.9	25.3	26.0	25.1	76	72	81	76	9.2	346.0	
19	26.2	24.6	20.9	23.9	80	71	71	74	4.5	238.0	
20	20.7	20.6	19.0	20 1	66	58	66	63	10.2	97.0	
21	17.1	17.9	17.2	17.4	60	53	58	57	9.5	533.0	
22	15.9	18.9	16.4	17.1	56	58	59	58	10.4	166.0	
23	16.9	17.7	20.5	18.4	62	54	74	63	10.4	175.0	
24	20.7	21.9	23.5	22.0	71	63	78	70	9.3	304.0	
25	23.7	23.7	22.0	23.1	78	70	78	75	9.8	352.0	
26	15.5	21.5	22.4	19.8	61	66	79	69	10.4	309.0	
27	19.8	21.7	20.9	20.8	73	65	71	70	8.7	444.0	
28	23.3	19.2	18.6	20.4	73	62	71	69	1.9	291.0	
29	17.7	16.8	18.6	17.7	72	56	70	66	3.2	212.0	
30	18.1	18.5	11.6	16.1	66	55	37	53	7.7	298.0	
31	19.0	19.3	15.5	17.9	72	91	73	79	3.5	295 0	11.17
	21.35	21.90	21.14	21.46	68.9	61.9	71.3	67.4	8.30	216.64	0.74

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	8cu-st	1cu	9st	6.0	1w	1w	1n	light	
2	2cu-st	3st	9cu-st	4.7	1w	1w	1w	,,	
3	5cu	0	0	1.7	1w	1nw	0	calm	
4	2cu	0	0	0.7	1w	1nw	0	light	
5	1cu	0	0	0.3	1w	1nw	1nw	,,	
6	1cu	1cu	0	0.7	1sw	1w	0	light	
7	4cu-ni	8cu-ci	9cu-st	7.0	1se	2nw	1w	,,	T., A.M.
8	4cu	5cu	3cu	4.0	1sw	2sw	1n	,,	
9	1cu	2cu	2cu	1.7	1sw	2w	0	,,	
10	1cu	1cu	0	0.7	0	1nw	2ne	,,	
11	1cu	1cu	9cu	3.7	1n	2nw	3n	light	
12	4cu	0	0	1.3	1e	1nw	1ne	,,	
13	0	2ci	0	0.7	1n	1w	1w	,,	
14	9cu	0	0	3.0	2sw	2w	1sw	,,	
15	6cu-ci	1cu	0	2.3	1e	3n	5n	,,	
16	0	9cu-ci	1cu	3.3	1w	3nw	1e	light	
17	8cu	9cu-st	8cu	8.3	1ne	2n	1ne	,,	
18	0	0	7cu	2.3	1ne	3n	1nw	,,	
19	9cu	9cu	9cu st	9.0	2nw	2n	1nw	,,	
20	7cu-st	1cu	5cu	4.3	2w	1nw	1nw	,,	
21	0	0	0	0.0	1e	2ne	3ne	light	
22	0	0	0	0.0	1ne	2ne	1e	,,	
23	0	0	0	0.0	1se	1ne	1ne	,,	
24	0	0	0	0.0	0	1ne	3ne	,,	
25	6cu-ci	8ci	0	4.7	1ne	2ne	3ne	,,	
26	0	0	0	0.0	1e	3ne	2ne	light	
27	0	0	2cu	0.7	1ne	2ne	3ne	,,	
28	9cu-ni	10cu-ni	9cu	9.3	4w	1w	0	,,	Tr., a.m.
29	10ni	10cu-st	10cu-st	10.0	1sw	1sw	0	,,	Tr., a.m.
30	9cu-st	7cu	10cu-st	8.7	2e	1e	5ne	,,	Tr., all day: w., at
31	10ni	10ni	2cu	7.3	1sw	1ne	1ne	,,	T., p.m.
				3.43					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	5	5	2	0	6	8	1	2	31
14:30	4	8	1	0	0	2	7	9	0	31
20:30	4	11	2	0	0	1	3	4	6	31
Total	10	24	8	2	0	9	18	14	8	93

Number of days with rain 3, fog 0, thunderstorms 2, gale 0.
71 yr. av. number of days with rain during month 3.84